

=> FILE REG
 FILE 'REGISTRY' ENTERED AT 15:53:35 ON 16 NOV 2006
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2006 American Chemical Society (ACS)

=> DISPLAY HISTORY FULL L1-

FILE 'REGISTRY' ENTERED AT 12:39:47 ON 16 NOV 2006

L1 E POLYTHIOPHENE/CN
 1 SEA POLYTHIOPHENE/CN
 L2 E POLYPYRROLE/CN
 1 SEA POLYPYRROLE/CN
 L3 E POLYANILINE/CN
 1 SEA POLYANILINE/CN

FILE 'LREGISTRY' ENTERED AT 12:40:39 ON 16 NOV 2006

L4 STR
 L5 SCR 2043
 L6 1 SEA SSS SAM L4 AND L5

FILE 'REGISTRY' ENTERED AT 12:41:40 ON 16 NOV 2006

L7 E POLYCARBAZOLE/CN
 1 SEA POLYCARBAZOLE/CN

FILE 'HCA' ENTERED AT 12:45:25 ON 16 NOV 2006

L8 7759 SEA L1 OR POLYTHIOPHENE#
 L9 12174 SEA L2 OR POLYPYRROLE#
 L10 14291 SEA L3 OR POLYANILINE#
 L11 335 SEA L7 OR POLYCARBAZOLE#
 L12 50645 SEA (COND# OR CONDUCT?)(2A) (POLYM? OR COPOLYM? OR
 HOMOPOLYM? OR TERPOLYM? OR RESIN?)
 L13 31881 SEA NANOTUB? OR NANO(2A) (TUBE# OR TUBING# OR TUBUL? OR
 TUBIFORM?)

FILE 'LREGISTRY' ENTERED AT 12:46:48 ON 16 NOV 2006

L14 STR

FILE 'REGISTRY' ENTERED AT 13:10:58 ON 16 NOV 2006

L15 50 SEA SSS SAM L14
 L16 SCR 2043
 L17 50 SEA SSS SAM L14 NOT L16
 L18 SCR 1199
 L19 50 SEA SSS SAM L14 NOT (L16 OR L18)
 L20 STR
 L21 50 SEA SSS SAM (L14 NOT L20) NOT (L16 OR L18)
 L22 34509 SEA SSS FUL (L14 NOT L20) NOT (L16 OR L18)

SAV TEM L22 NGU585/A

L23 FILE 'HCA' ENTERED AT 13:16:38 ON 16 NOV 2006
L24 47199 SEA L22
11 SEA ((L8 OR L9 OR L10 OR L11 OR L12)) AND L13 AND L23

L25 FILE 'HCAPLUS' ENTERED AT 15:47:24 ON 16 NOV 2006
L26 1585 SEA SAITOH T?/AU
L27 25604 SEA NANOTUBE#/TI
1 SEA L25 AND L26
SEL RN

L28 FILE 'REGISTRY' ENTERED AT 15:48:41 ON 16 NOV 2006
L29 10 SEA (105009-55-0/BI OR 167860-86-8/BI OR 220310-61-2/BI
L30 2 SEA L28 AND SI/ELS
L31 1 SEA L29 AND L22
7 SEA L28 AND PMS/CI

L32 FILE 'HCA' ENTERED AT 15:50:03 ON 16 NOV 2006
L33 11207 SEA L31
11 SEA ((L8 OR L9 OR L10 OR L11 OR L12) OR L32) AND L13 AND
L23
L34 37 SEA HETEROCYCL?(3A)TRIMER?
L35 0 SEA L34 AND L13 AND L23

L36 FILE 'REGISTRY' ENTERED AT 15:51:54 ON 16 NOV 2006
L37 8 SEA L28 NOT L29
1 SEA L36 NOT L31

L38 FILE 'HCA' ENTERED AT 15:52:52 ON 16 NOV 2006
11 SEA L24 OR L33

=> FILE HCA

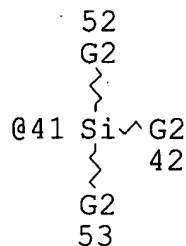
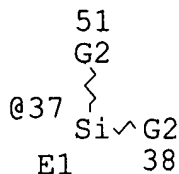
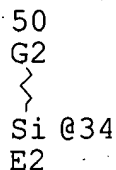
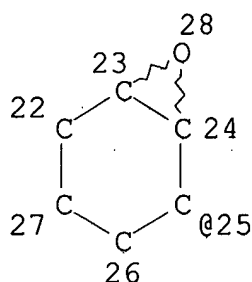
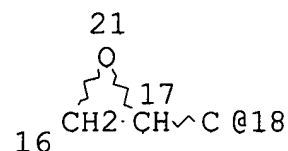
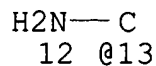
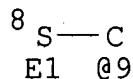
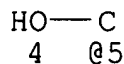
FILE 'HCA' ENTERED AT 15:54:04 ON 16 NOV 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

=> D L38 1-11 CBIB ABS HITSTR HITIND

L38 ANSWER 1 OF 11 HCA COPYRIGHT 2006 ACS on STN
145:326120 Conductive inks for metal pattern formation in printed
circuits. Chung, Kwang-Choon; Cho, Hyun-Nam; Gong, Myoung-Seon;
Han, Yi-Sup; Park, Jeong-Bin; Nam, Dong-Hun; Uhm, Seong-Yong; Seo,

=> D L51 QUE STAT
L47 STR

G1 1



C @45 G3 47

@31 Si E3

VAR G1=5/9/13/18/25

VAR G2=45/O/N/X

VAR G3=31/34/37/41

NODE ATTRIBUTES:

HCOUNT IS E1 AT 8

HCOUNT IS E3 AT 31

HCOUNT IS E2 AT 34

HCOUNT IS E1 AT 37

NSPEC IS RC AT 45

CONNECT IS E1 RC AT 8

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

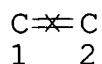
NUMBER OF NODES IS 30

STEREO ATTRIBUTES: NONE

L48 SCR 2043

L49 SCR 1199

L50 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 2

STEREO ATTRIBUTES: NONE

L51 34509 SEA FILE=REGISTRY SSS FUL (L47 NOT L50) NOT (L48 OR L49)

100.0% PROCESSED 464705 ITERATIONS
SEARCH TIME: 00.00.03

34509 ANSWERS